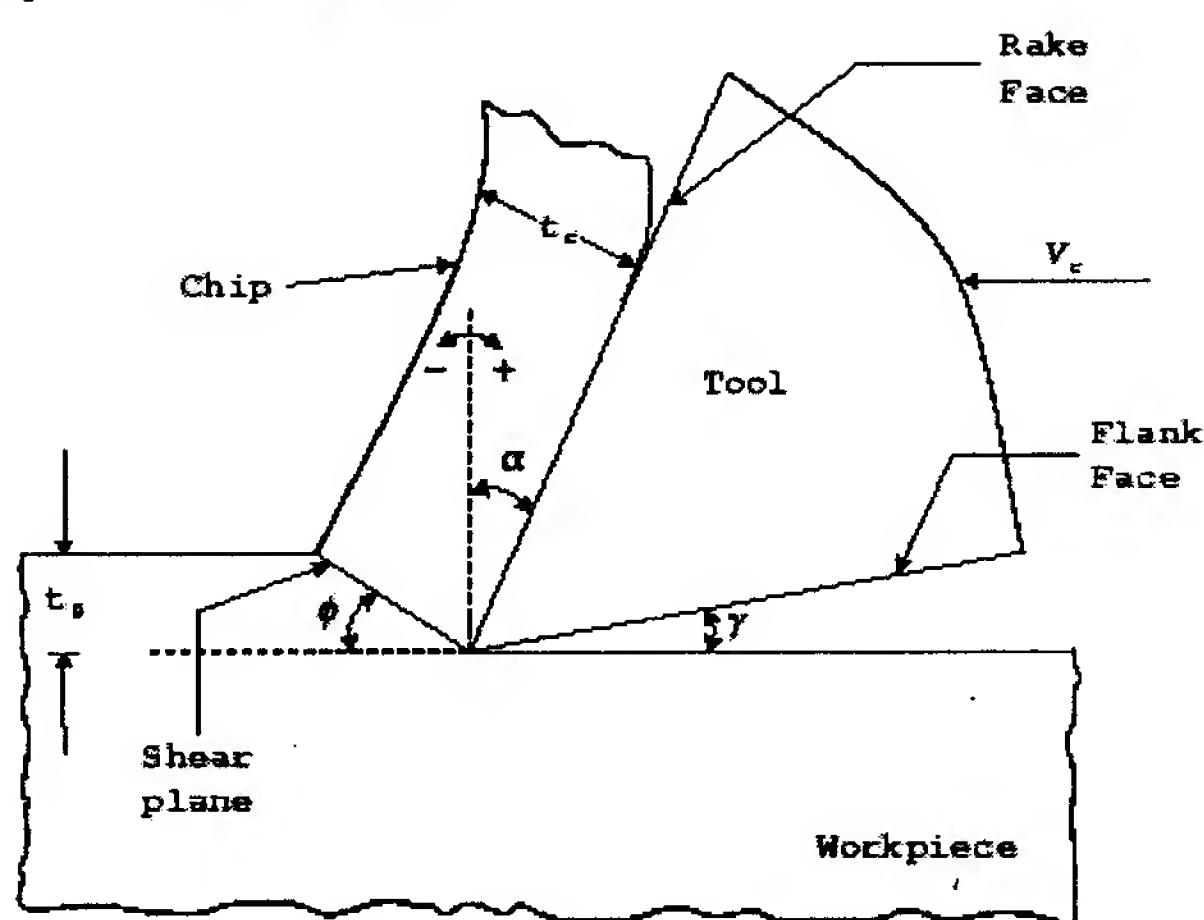
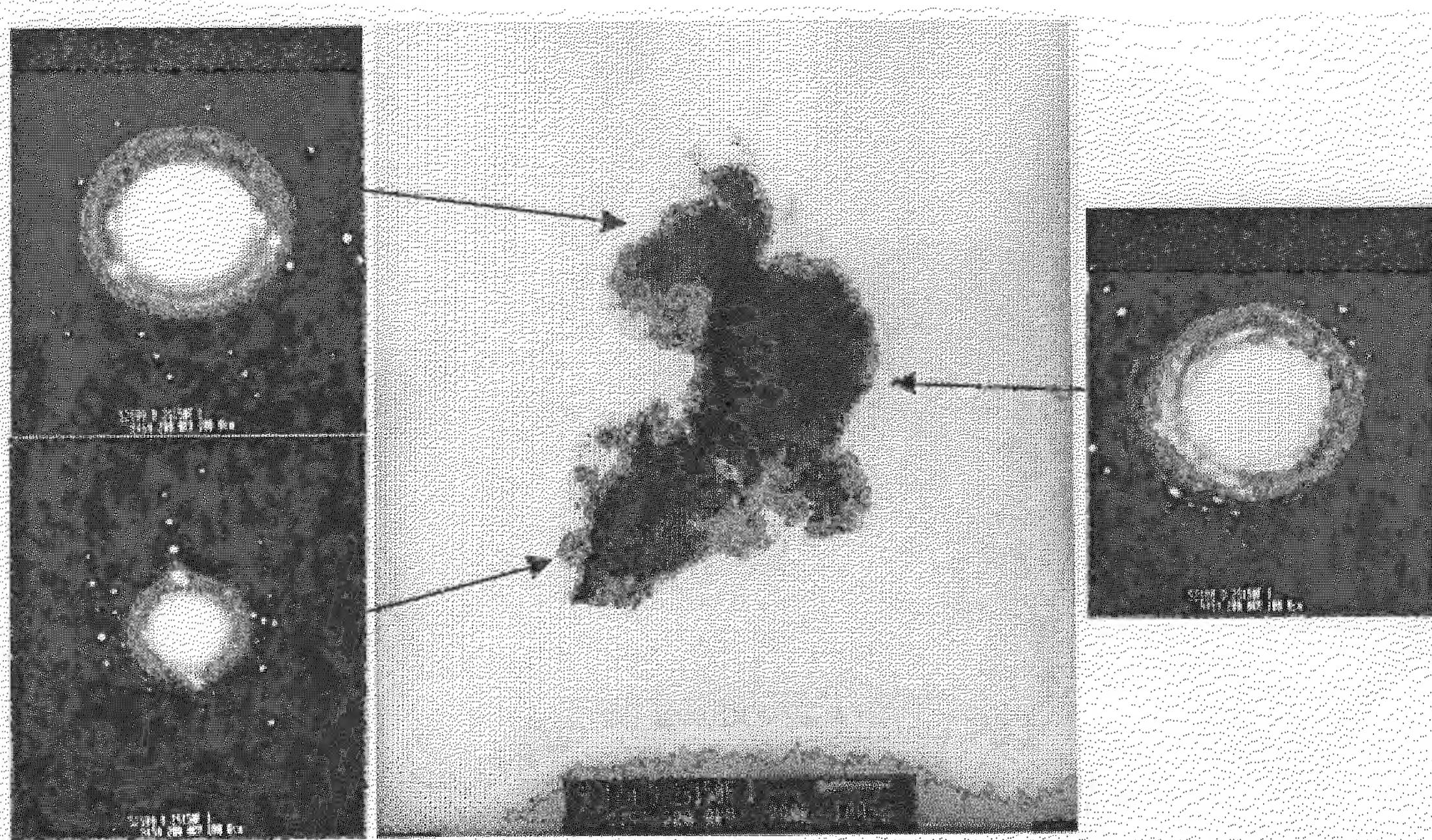
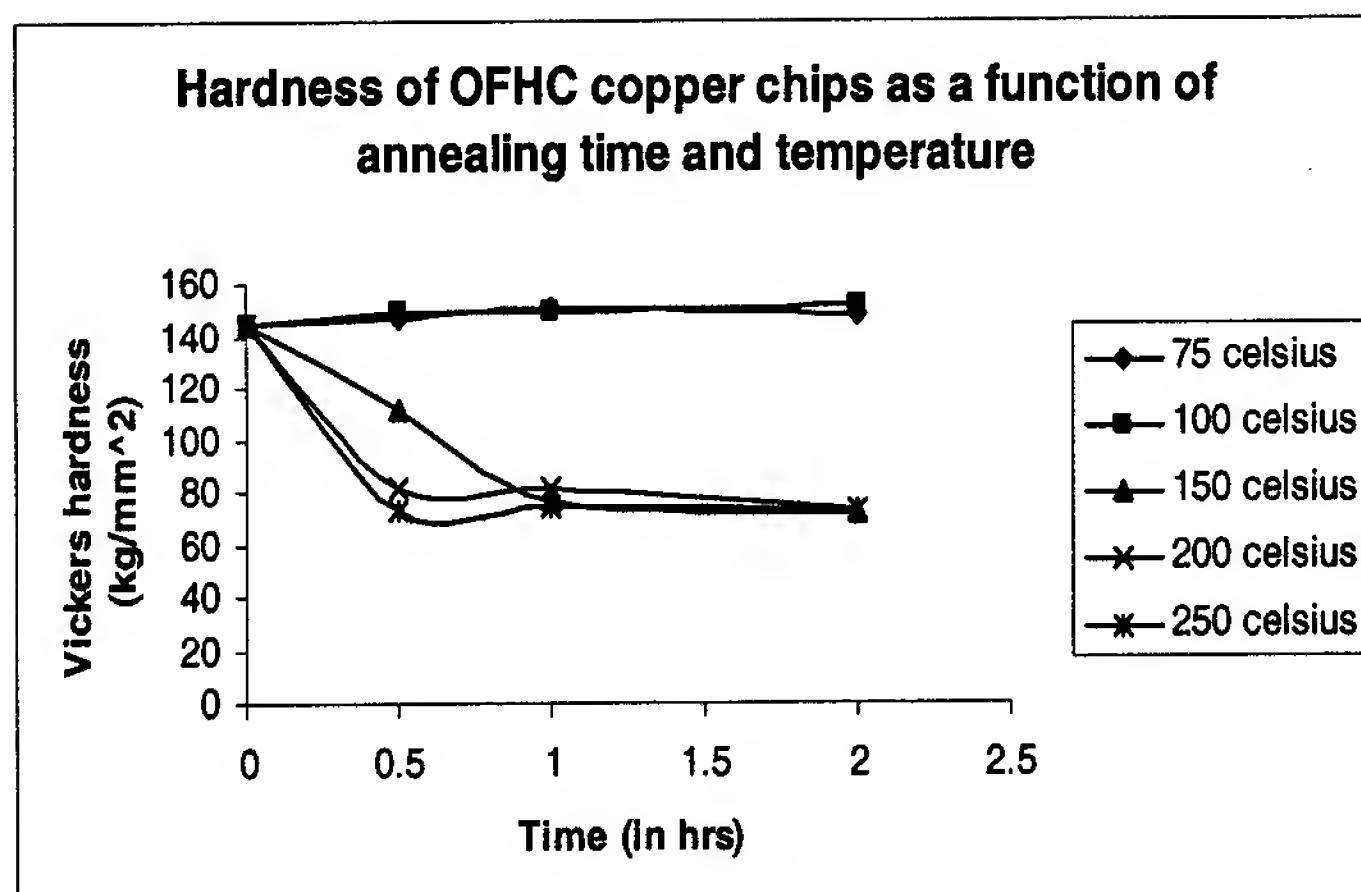
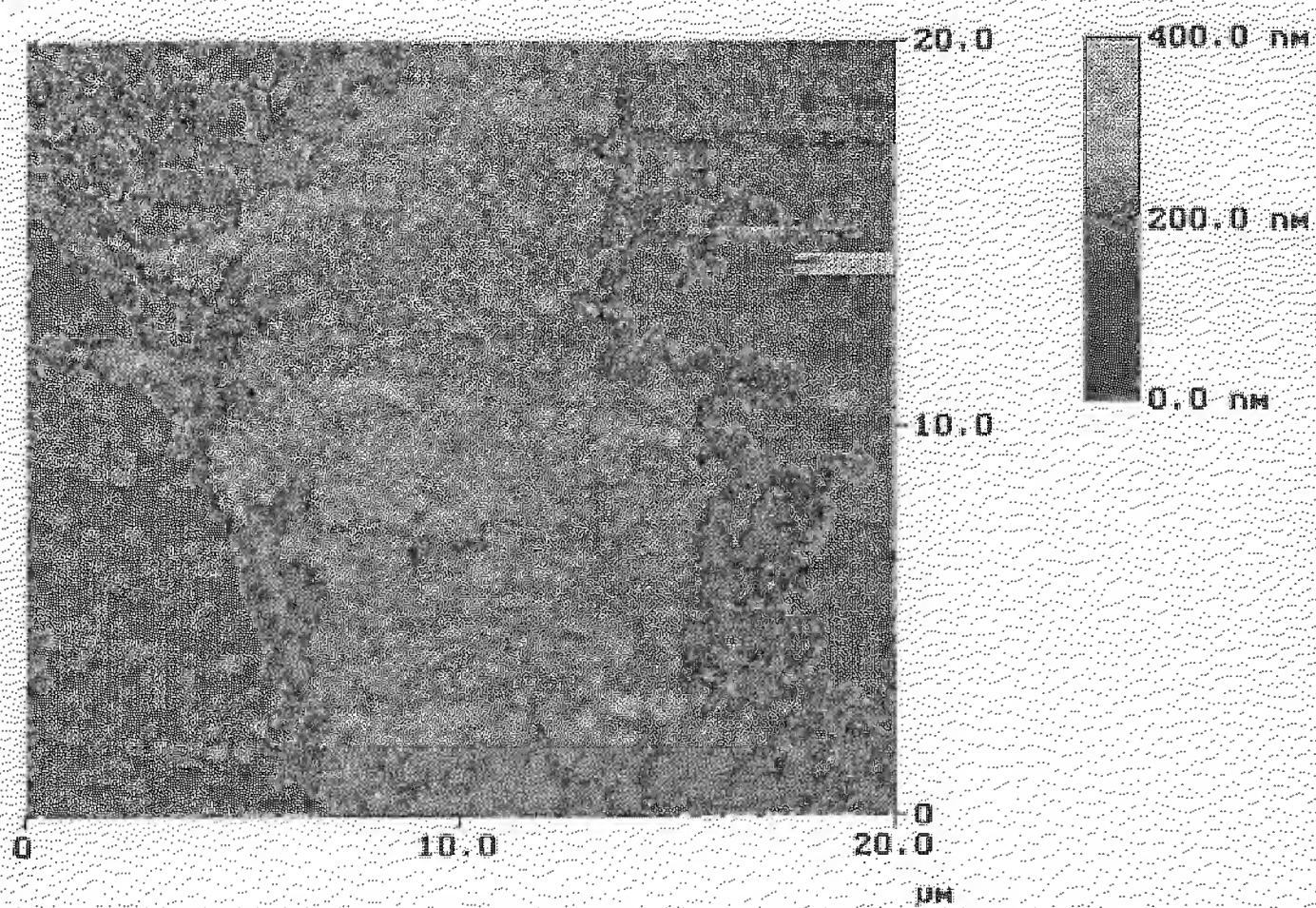


α - Rake angle
 ϕ - Shear plane angle
 γ - Clearance angle
 t_u - Undefomed chip thickness
 t_e - Deformed chip thickness
 v_c - Cutting velocity

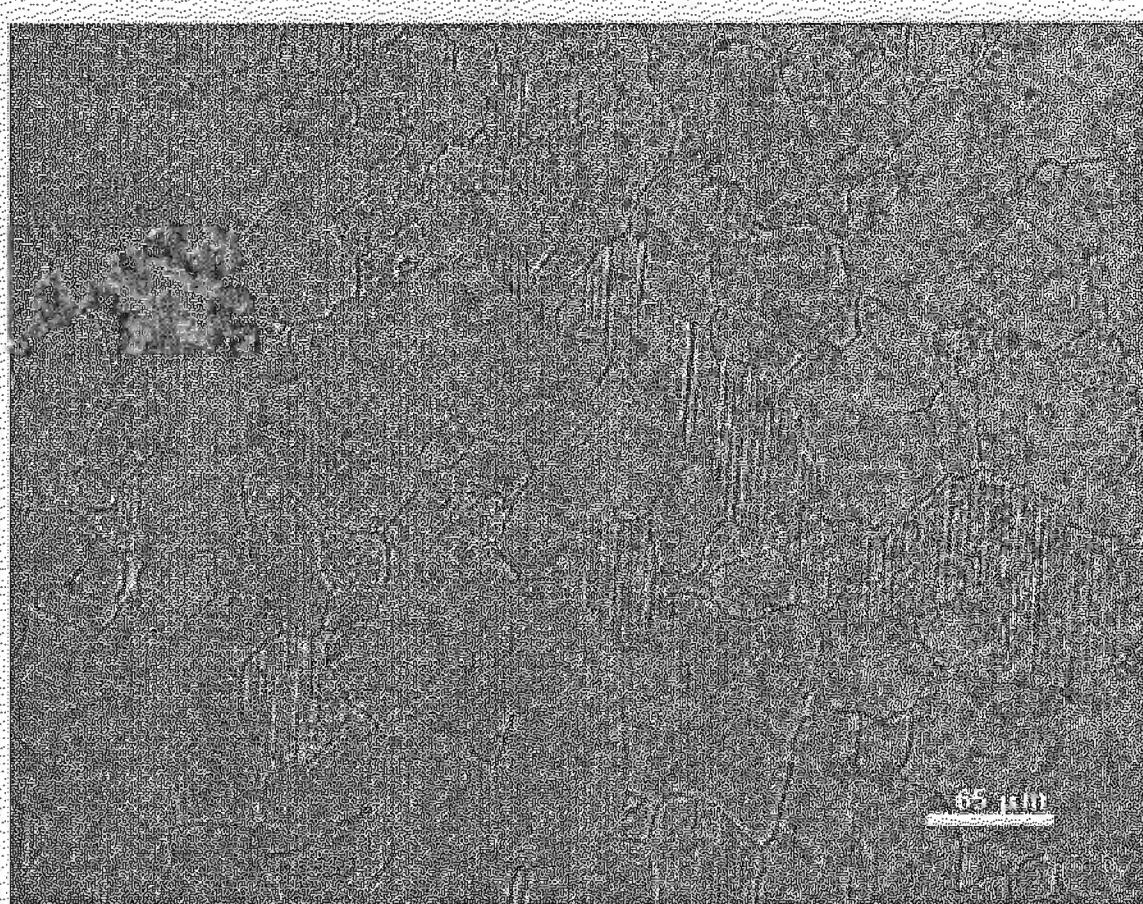




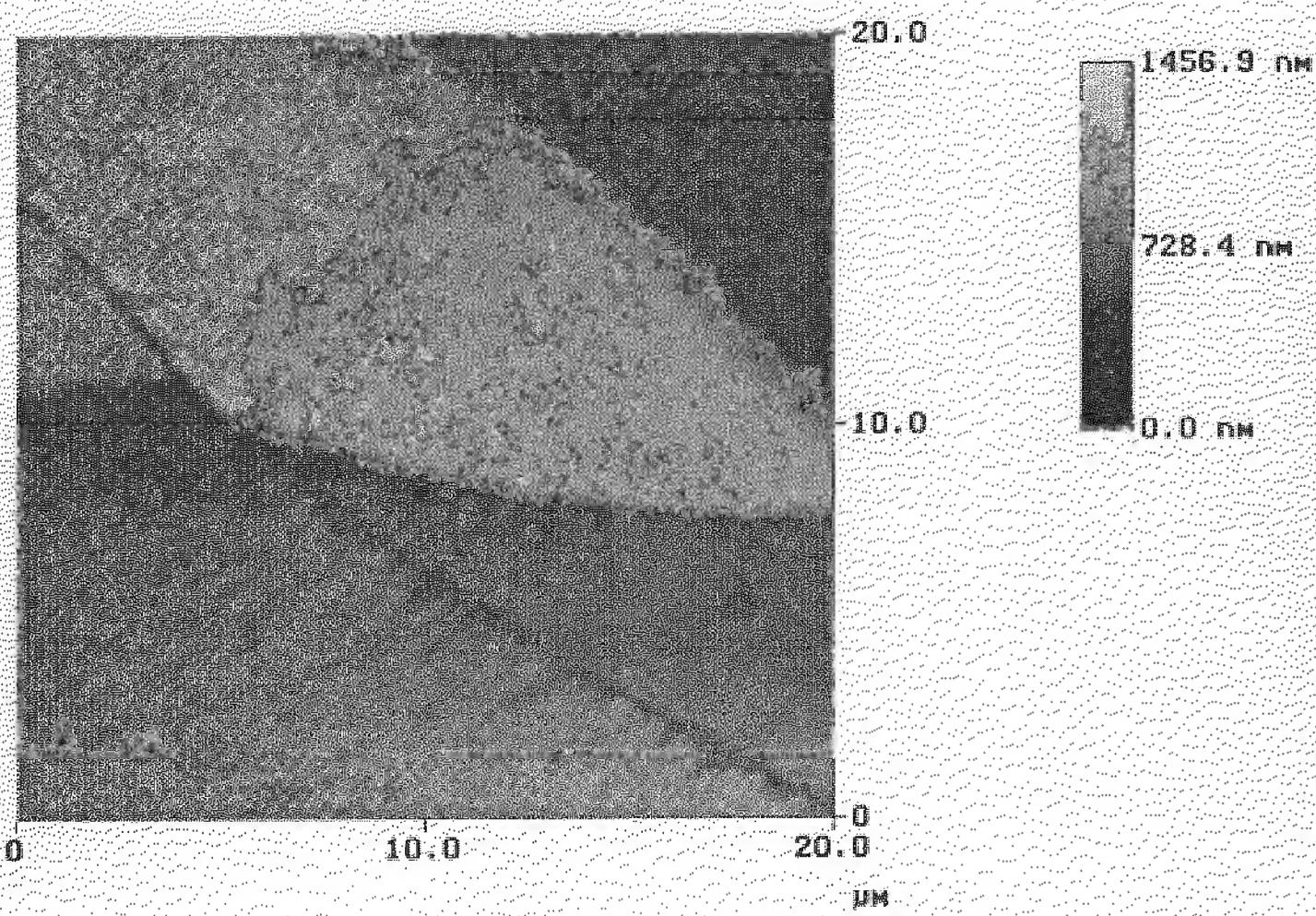




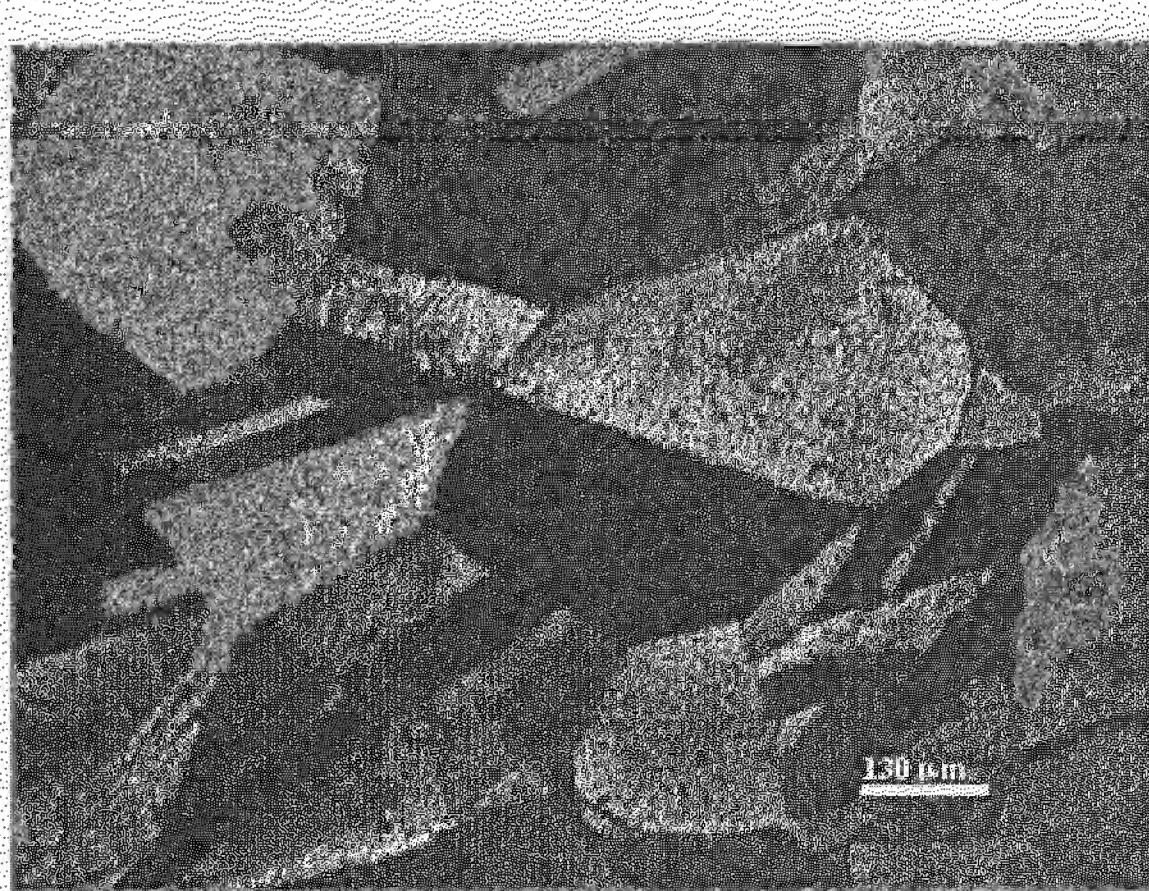
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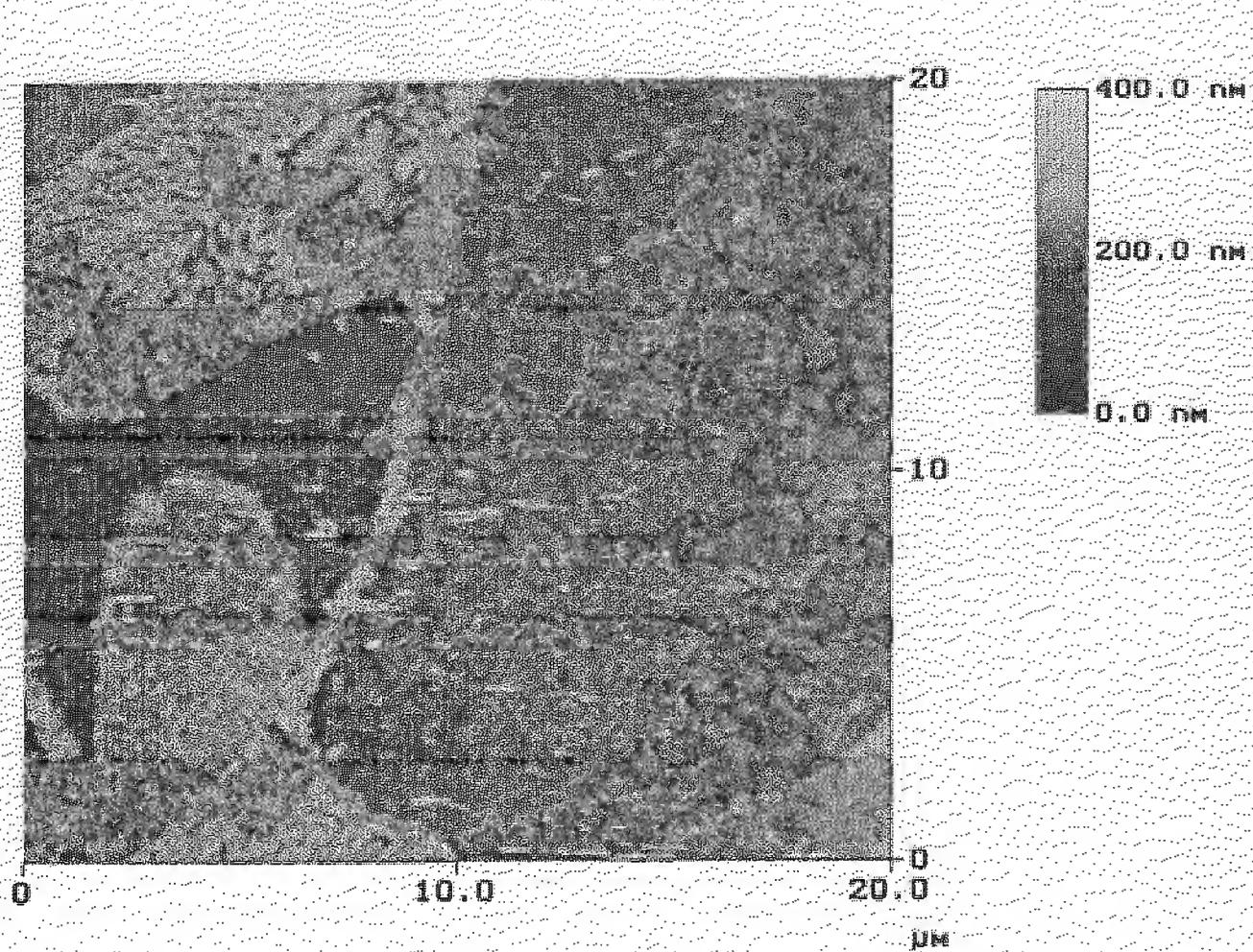
Optical Microscope



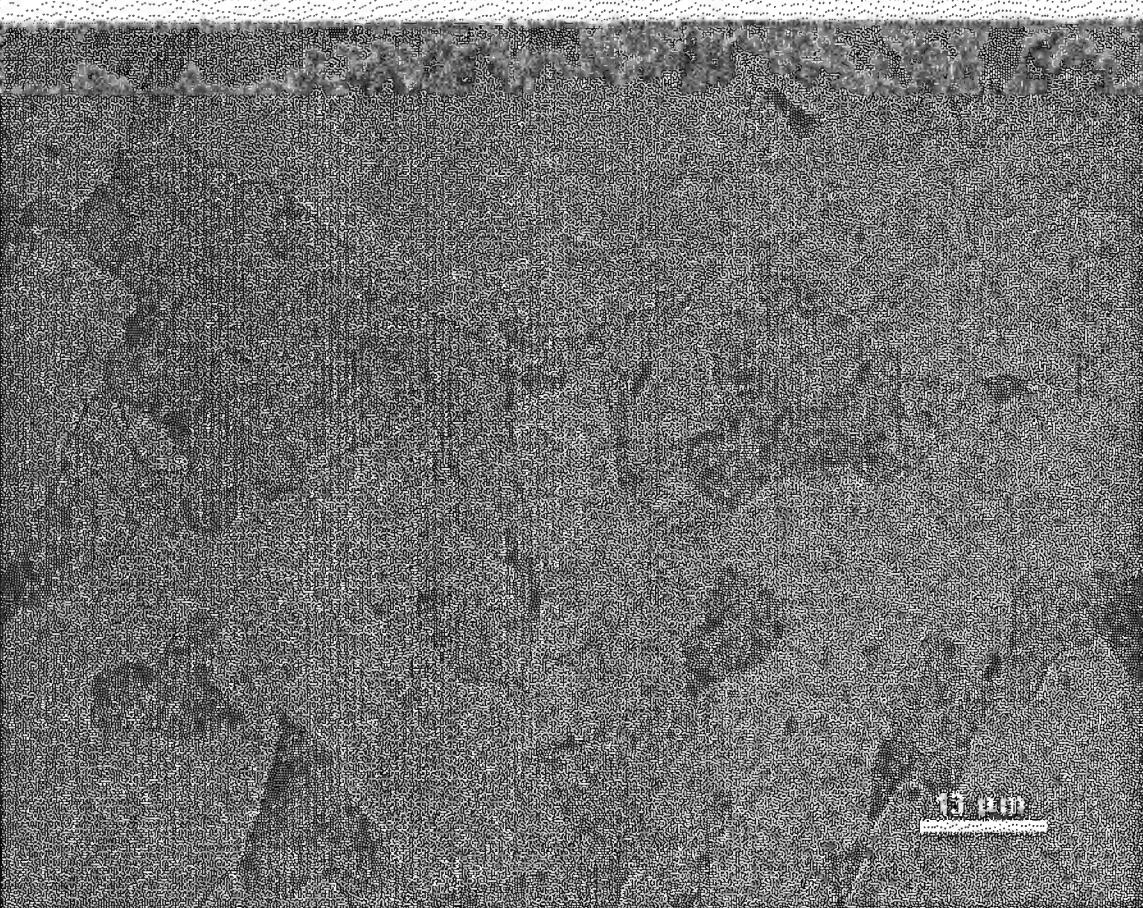
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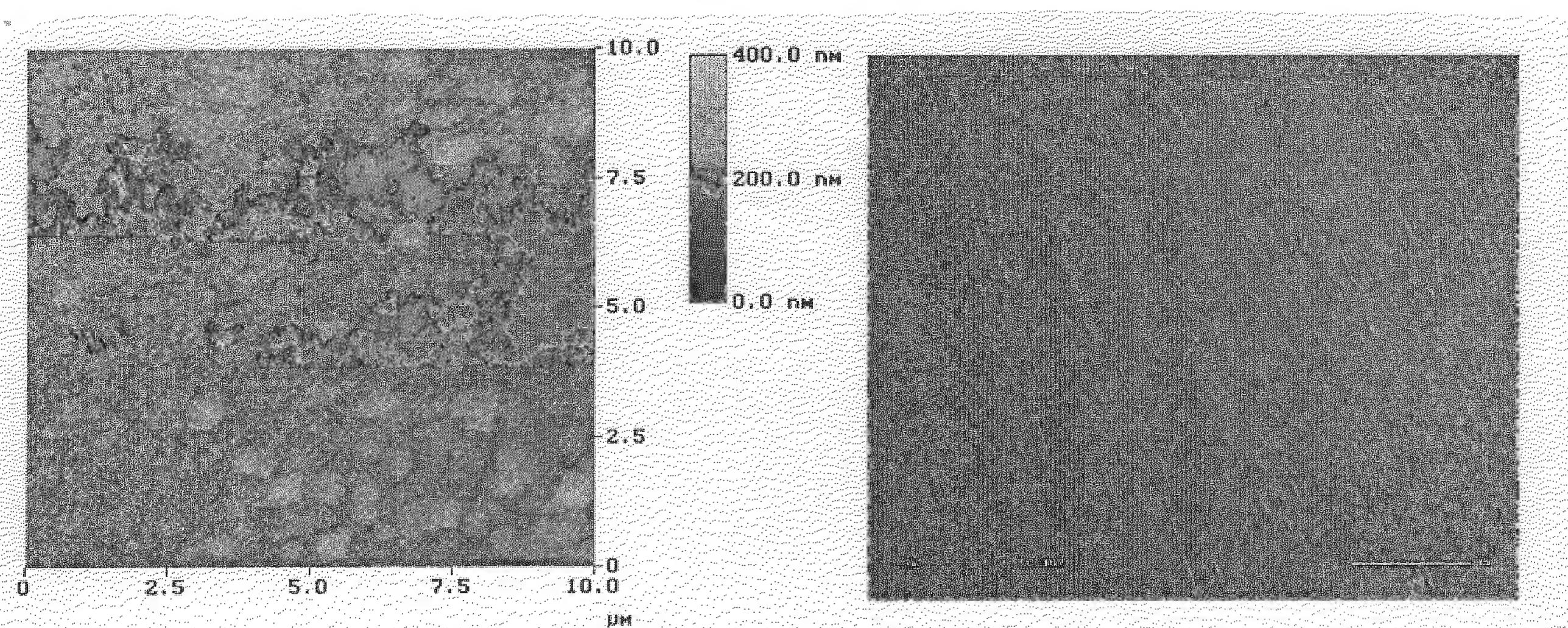
Optical Microscope



AFM

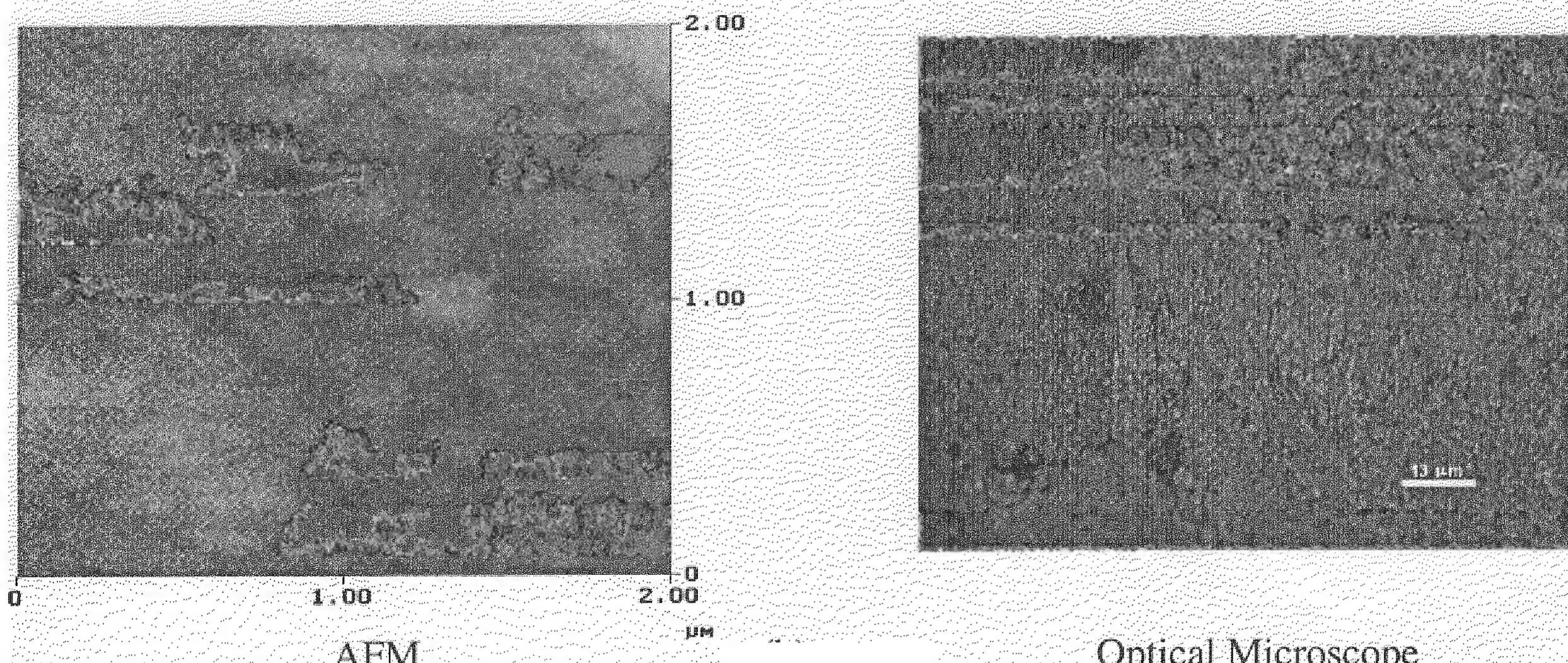


Optical Microscope



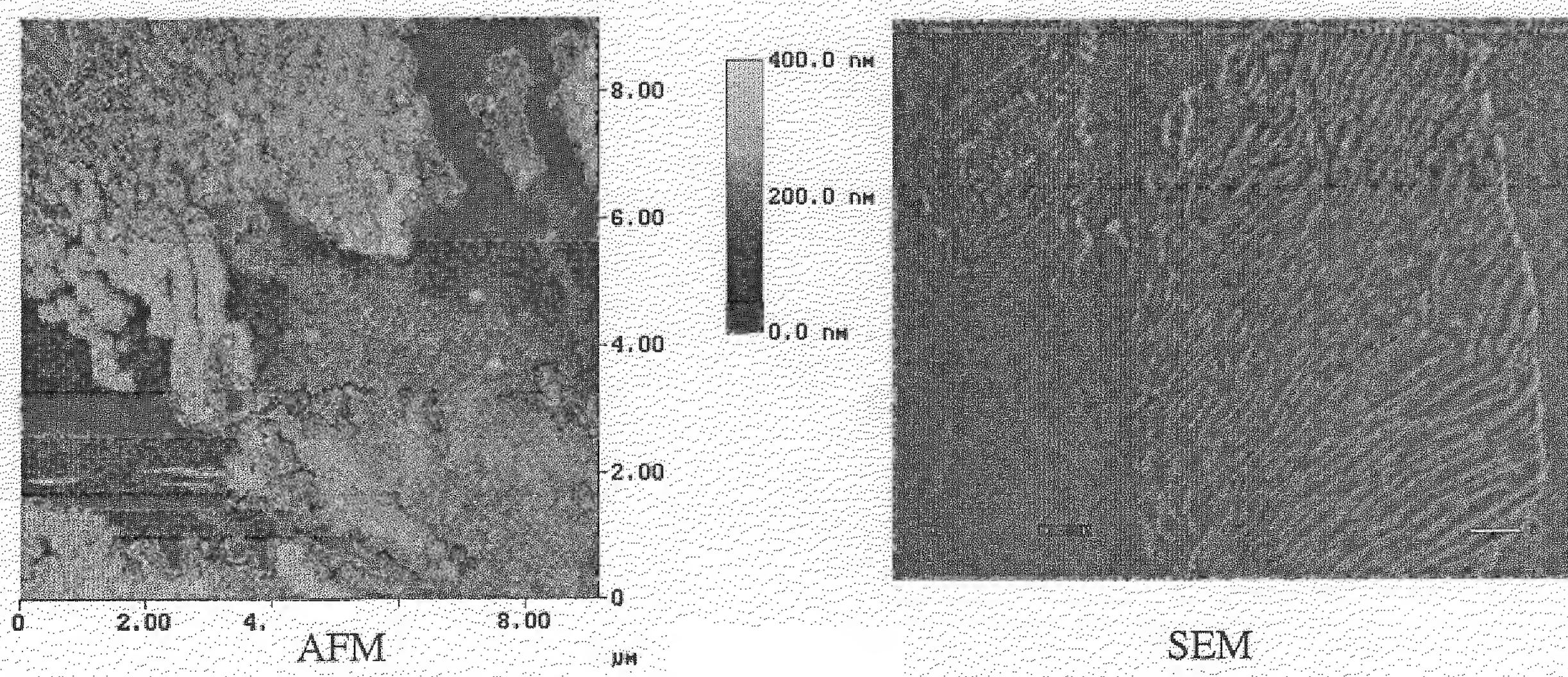
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SEM



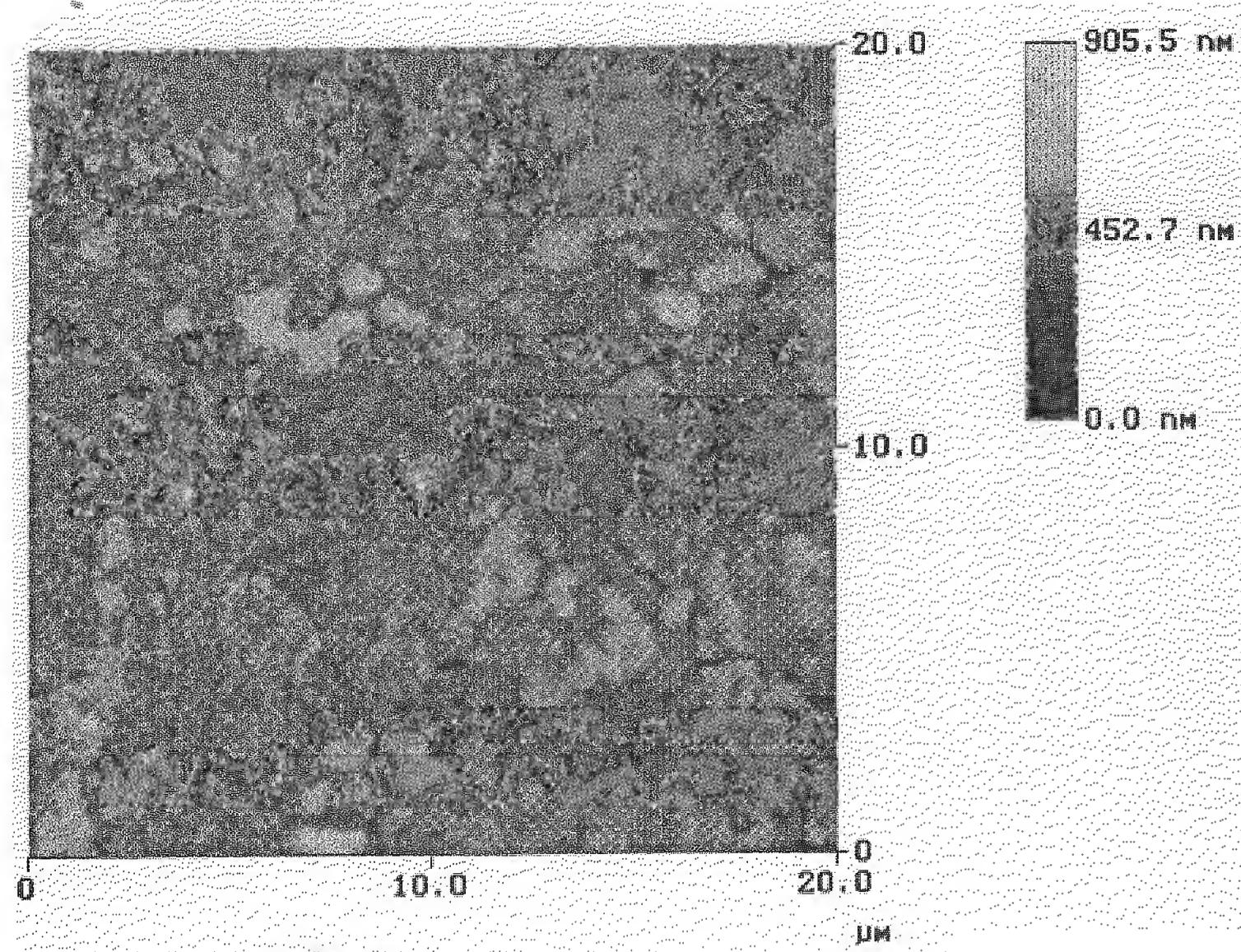
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Optical Microscope

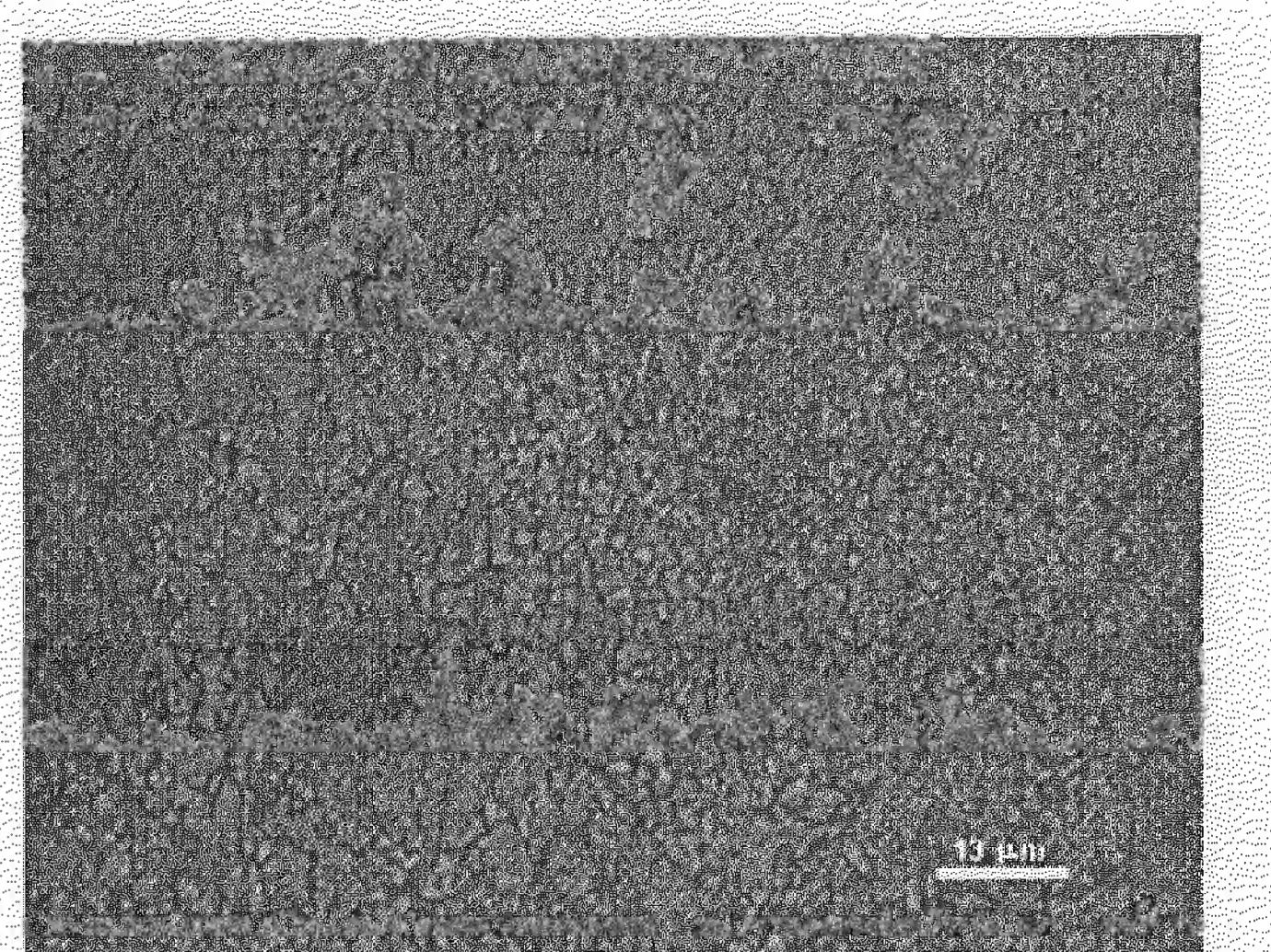


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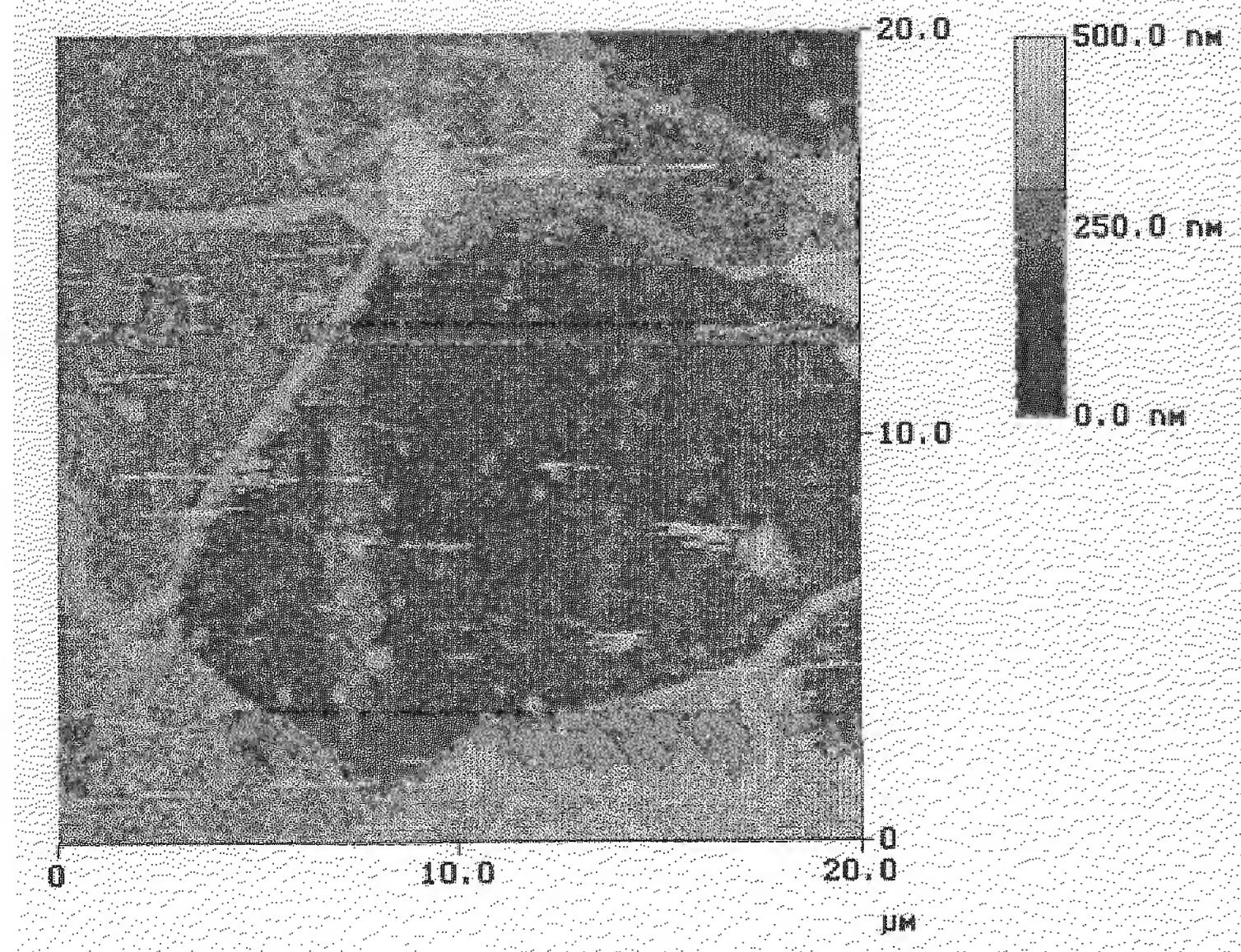
SEM



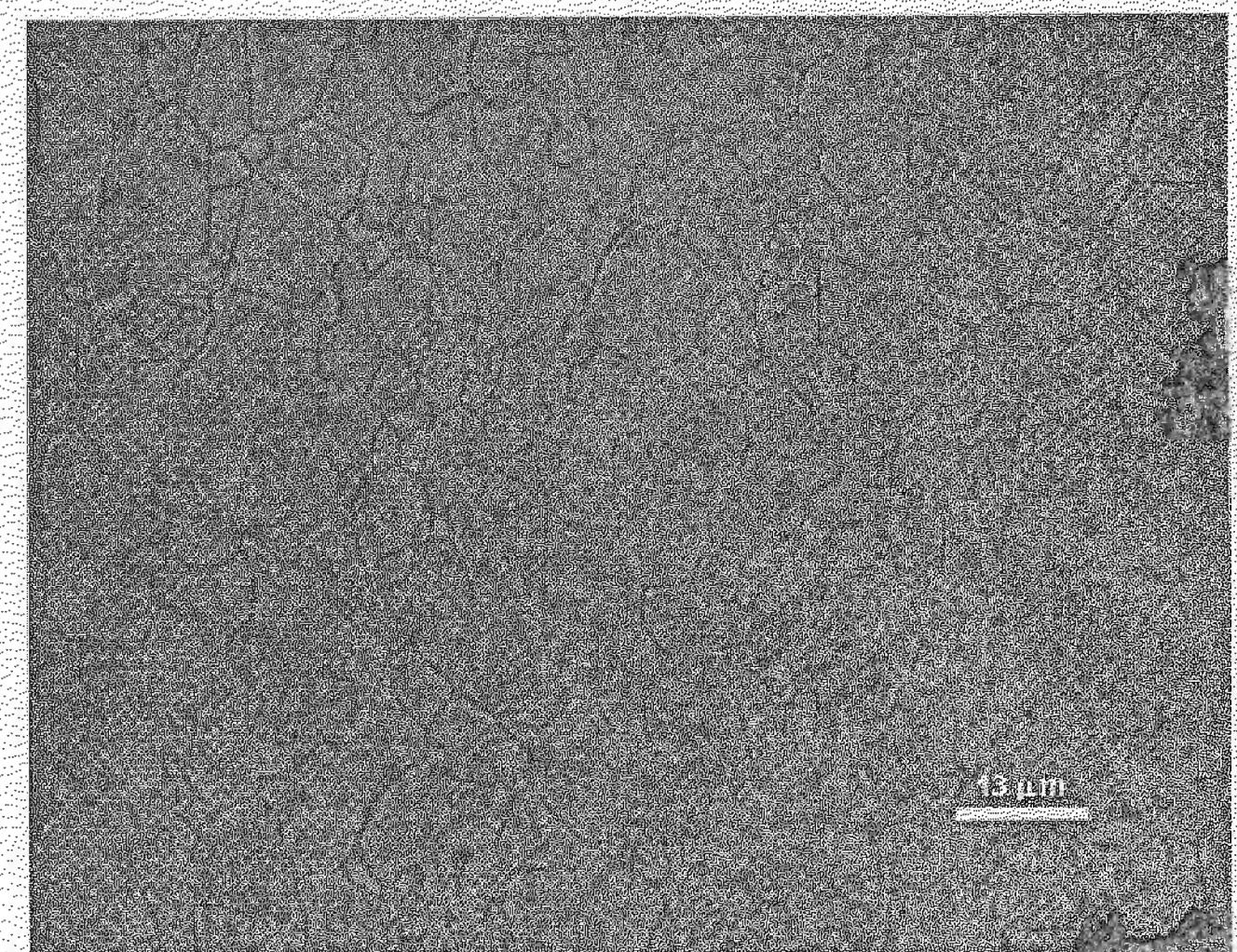
AFM



Optical Microscope



AFM



Optical Microscope